

Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-8 (canceled)

Claim 9 (original): A bookbinding system, comprising:
a sheet binder configured to bind two or more sheets into a text body having an exposed spine bounded by two exposed side hinge areas;
an adhesive dispenser configured to apply a solid pressure sensitive adhesive film between a cover and the side hinge areas of the text body; and
a cover binder configured to bind the cover to the side hinge areas of the text body by applying pressure to the cover.

Claim 10 (original): The bookbinding system of claim 9, wherein the adhesive dispenser is configured to apply a solid pressure sensitive adhesive film to the cover in a series of spaced-apart strips.

Claim 11 (original): The bookbinding system of claim 9, wherein the adhesive dispenser comprises a plug-in cartridge housing.

Claim 12 (original): The bookbinding system of claim 11, wherein the adhesive dispenser comprises a supply spool disposed within the plug-in cartridge housing and configured to support a roll of pressure sensitive adhesive tape formed from a solid pressure sensitive adhesive film disposed on a carrier ribbon.

Claim 13 (original): The bookbinding system of claim 12, wherein the adhesive dispenser comprises a take-up spool disposed within the plug-in cartridge housing and configured to reel-in spent carrier ribbon.

Claims 14-20 (canceled)

Claim 21 (new): The bookbinding system of claim 9, wherein the adhesive dispenser applies the solid pressure sensitive adhesive film to the cover before contacting the side hinge areas of the text body.

Claim 22 (new): The bookbinding system of claim 9, wherein the adhesive dispenser additionally applies the solid pressure sensitive adhesive film between the cover and the exposed spine of the text body, and the cover binder binds the cover to the spine of the text body by applying pressure to the cover.

Claim 23 (new): The bookbinding system of claim 22, wherein the adhesive dispenser applies the solid pressure sensitive adhesive film as a single continuous strip with a width dimension that is wider than the exposed spine of the text body.

Claim 24 (new): The bookbinding system of claim 22, wherein the adhesive dispenser applies the solid pressure sensitive adhesive film in a series of multiple strips over an area corresponding to the side hinge areas and the exposed spine of the text body.

Claim 25 (new): The bookbinding system of claim 9, wherein the adhesive dispenser applies between the cover and the side hinge areas a solid pressure sensitive adhesive film that comprises a pressure sensitive adhesive composition laminated to a hot melt adhesive film.

Claim 26 (new): The bookbinding system of claim 25, wherein:
the adhesive dispenser applies the solid pressure sensitive adhesive film with the hot melt adhesive film in contact with the side hinge areas and the exposed spine of the text body;

the sheet binder melts the hot melt adhesive film to bind the two or more sheets into the text body; and

the cover binder binds the cover to the side hinge areas of the text body by disposing the cover over the text body and applying pressure to the cover to activate the pressure sensitive adhesive composition.

Claim 27 (new): The bookbinding system of claim 9, wherein the cover binder contacts the side hinge areas to the applied solid pressure sensitive adhesive film.

Claim 28 (new): The bookbinding system of claim 9, wherein the adhesive dispenser dispenses the solid pressure sensitive adhesive from a roll of solid sheet adhesive.

Claim 29 (new): The bookbinding system of claim 28, wherein the adhesive dispenser dispenses from the roll a solid sheet adhesive that comprises a pressure sensitive adhesive composition dispersed on a carrier ribbon.

Claim 30 (new): The bookbinding system of claim 29, wherein the adhesive dispenser applies the solid pressure sensitive adhesive film by releasing a film of pressure sensitive adhesive from the carrier ribbon and reeling-in spent carrier ribbon.

Claim 31 (new): A bookbinding system, comprising:

a sheet binder configured to collect two or more sheets into a text body having an exposed spine bounded by two exposed side hinge areas;

an adhesive dispenser configured to apply to the text body an adhesive sheet comprising a hot melt adhesive film and a backing, with the hot melt adhesive film in contact with the side hinge areas and the spine of the text body; and

a cover binder configured to

expose the hot melt adhesive in areas corresponding to the side hinge areas of the text body while leaving portions of the adhesive sheet disposed over the text body spine substantially unchanged,

dispose a cover over the text body, and

after the cover is disposed over the text body, melt the hot melt adhesive to bind the two or more sheets at the text body spine and to bind the cover to the side hinge areas of the text body.

Claim 32 (new): A bookbinding system, comprising:

 a sheet binder configured to collect two or more sheets into a text body having an exposed spine bounded by two exposed side hinge areas;

 an adhesive dispenser configured to apply to the text body an adhesive sheet comprising a hot melt adhesive film and a backing, with the hot melt adhesive film in contact with the side hinge areas and the spine of the text body, wherein the backing includes one or more slits; and

 a cover binder configured to

 expose the hot melt adhesive in areas corresponding to the side hinge areas of the text body by stretching the backing in the side hinge areas to expose the hot melt adhesive through the slits,

 dispose a cover over the text body, and

 melt the hot melt adhesive to bind the two or more sheets at the text body spine and to bind the cover to the side hinge areas of the text body.

Claim 33 (new): The bookbinding system of claim 32, wherein the adhesive dispenser applies the adhesive sheet with the slits extending in a substantially longitudinal direction, and the cover binder is configured to expose the hot melt adhesive by stretching of the backing in a direction substantially orthogonal to the longitudinal direction.

Claim 34 (new): A bookbinding system, comprising:

 a sheet binder configured to collect two or more sheets into a text body having an exposed spine bounded by two exposed side hinge areas;

 an adhesive dispenser configured to apply to the text body an adhesive sheet comprising a hot melt adhesive film and a backing, with the hot melt adhesive film in contact with the side hinge areas and the spine of the text body; and

 a cover binder configured to

 expose the hot melt adhesive in areas corresponding to the side hinge areas of the text body by removing the backing in areas corresponding to the side hinge areas of the text body,

 dispose a cover over the text body, and

melt the hot melt adhesive to bind the two or more sheets at the text body spine and to bind the cover to the side hinge areas of the text body.

Claim 35 (new): A bookbinding system, comprising:
a sheet binder configured to collect two or more sheets into a text body having an exposed spine bounded by two exposed side hinge areas;
an adhesive dispenser configured to apply to the text body an adhesive sheet comprising a hot melt adhesive film and a backing, with the hot melt adhesive film in contact with the side hinge areas and the spine of the text body; and
a cover binder configured to
expose the hot melt adhesive in areas corresponding to the side hinge areas of the text body, wherein exposing the hot melt adhesive comprises folding edges of the adhesive sheet back over the adhesive sheet applied adjacent to at least a portion of each of the side hinge areas,
dispose a cover over the text body, and
melt the hot melt adhesive to bind the two or more sheets at the text body spine and to bind the cover to the folded-over edges of the adhesive sheet adjacent to side hinge areas of the text body.